



John Muir Parkway Extension, Phase II

For the Air Quality Conformity Task Force

Presented by:
Anthony Salam
City of Brentwood
January 22, 2015

Project Description

- **Realign Concord Avenue, west of existing location, extending Briones Valley Road to connect with Concord Avenue, approximately 1,600 feet.**
- **Alignment is required because State Route Highway 4 displaced this portion of Concord Avenue in 2009.**
- **Provide two 14 feet travel and 6 feet bike lanes (one in each direction), curb and gutter, a center median of 16 feet and 5 feet wide sidewalk on one side.**
- **Improve existing Concord Avenue to a linear course with gentler slopes and travel operations.**
- **Will not increase roadway capacity beyond existing.**

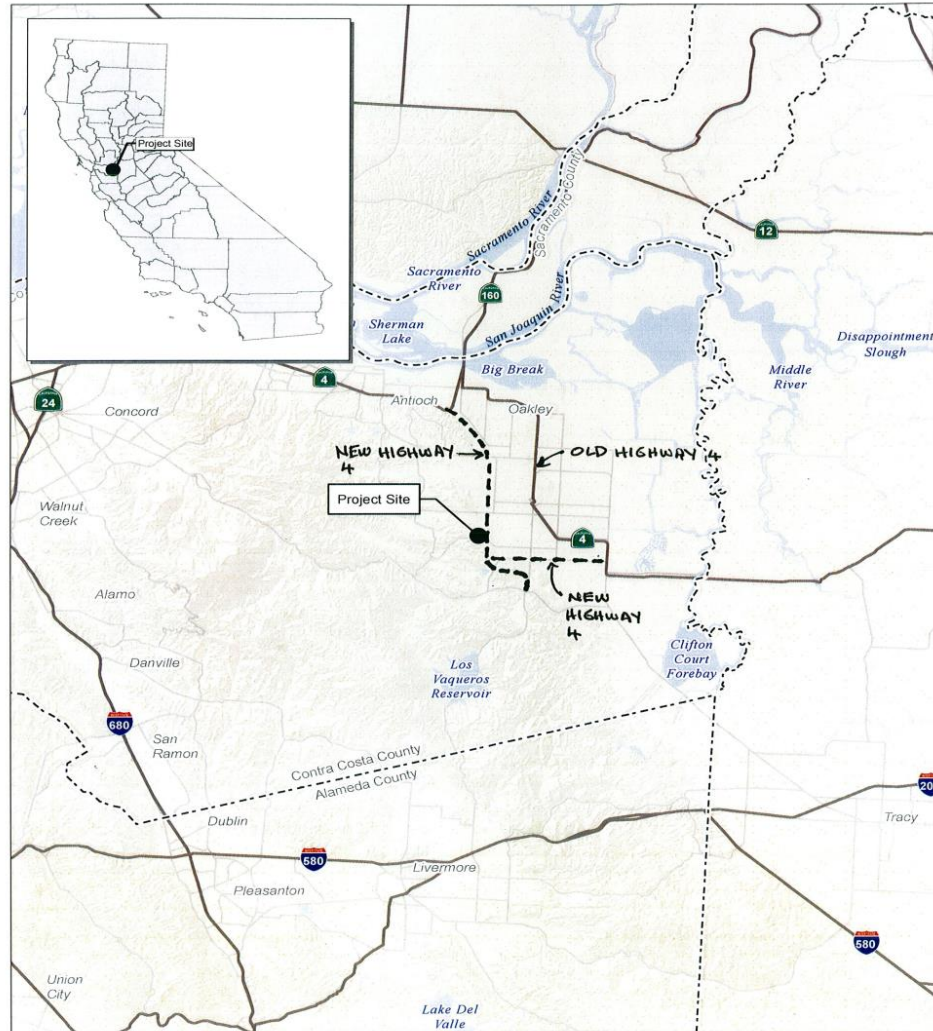
Project Status

- **CEQA process approved in 2008 using local funds.**
- **Federal funds for construction included in Project in 2010.**
- **Project has been designed and is ready for construction.**
- **NEPA process in final stages of approval by April 2015.**
- **Construction scheduled for FY 2015/2016.**

Purpose and Need

- **To replace a portion of roadway previously removed by construction of State Route 4.**
- **Remove an existing winding portion of Concord Avenue.**
- **Improve accessibility between Fairview Avenue/Vineyards and John Muir Parkway/Balfour Road.**
- **Improve bicycle and pedestrian safety and access.**

Regional Location Map



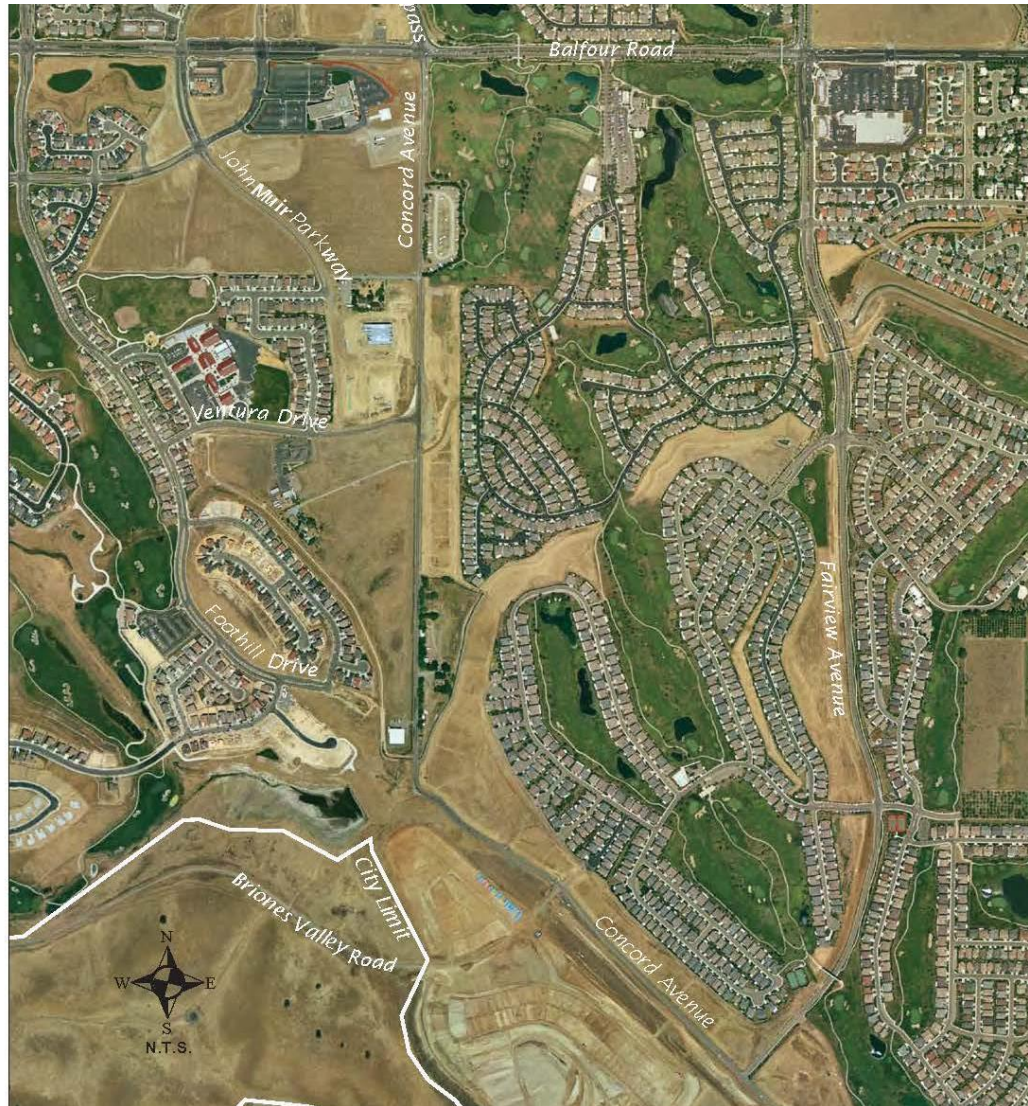
Source: Census 2000 Data, The CaSIL, ESRI

Local Vicinity Map

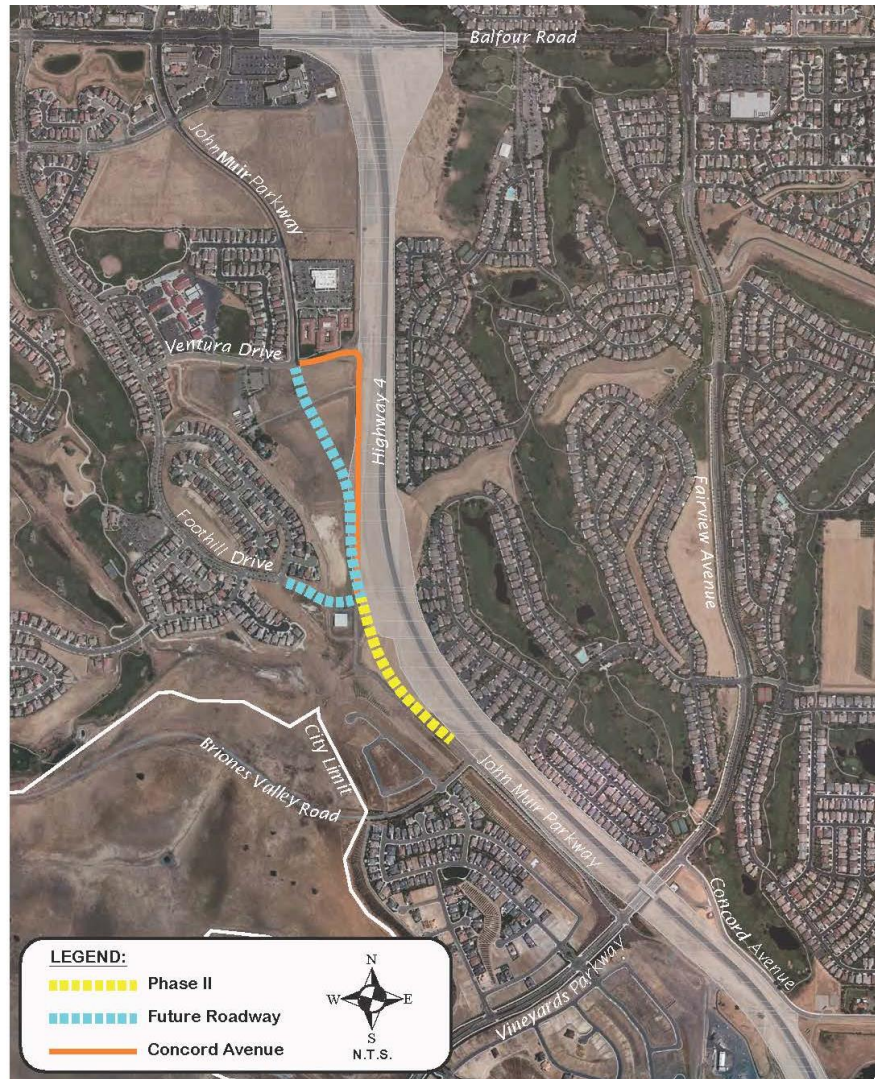


Source: ESRI Aerial Imagery.

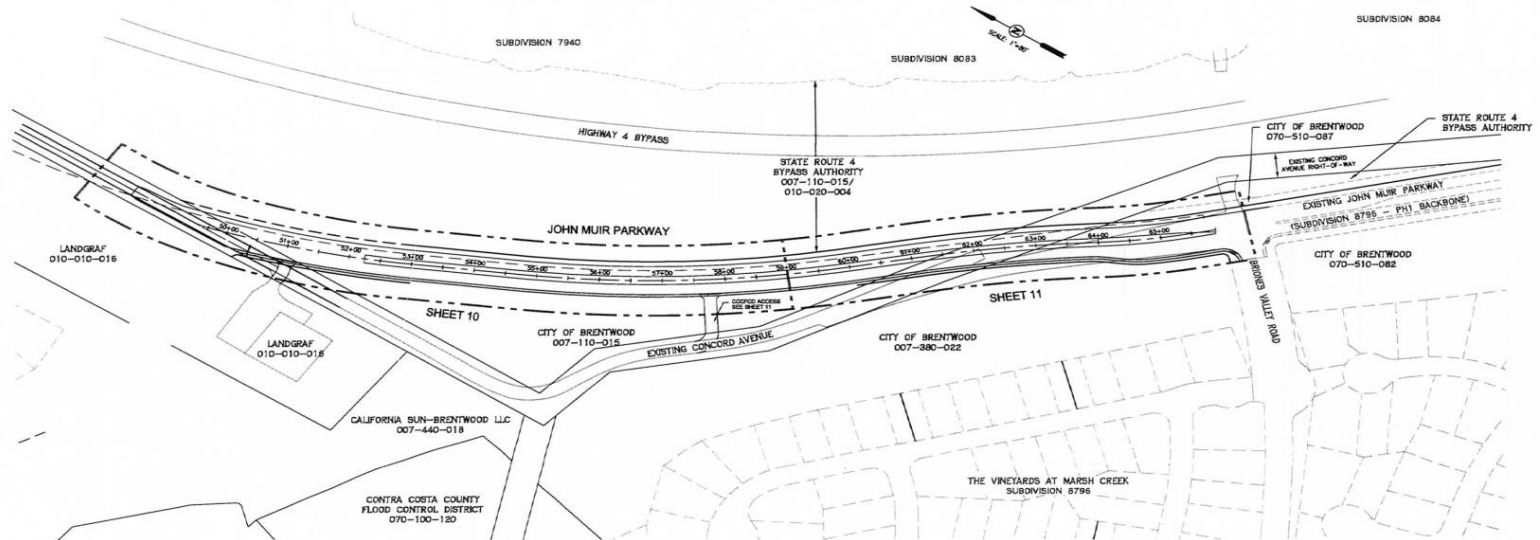
Concord Avenue in 2005



Proposed Realignment of John Muir Parkway connecting to Concord Avenue



John Muir Parkway Extension, Phase II



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JOHN MUIR PARKWAY EXTENSION PHASE II
CIP # 336-31683

INDEX SHEET

BRENTWOOD

IMPROVEMENT PLAN

CALIFORNIA

NO.	REVISIONS	BY	APP.	DATE

DESIGNED UNDER THE DIRECTION OF:

APPROVED BY: **WILLIAMS**
 PROJECT NO. 336-31683 (IMPROVEMENT PLAN) EXPIRES 02/05/09
 DESIGN: **TRM** DATE: 08-31-13
 CHECKED: **TRM** DATE: 08-31-13
 CHECKED: **AJB** DATE: 08-31-13



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 OF SHEETS

QUICKHATCH.DWG

Land Use/Traffic Generators

- **The project location is in the southwest quadrant of the City of Brentwood.**
- **The surrounding area is mainly open grassland with State Route Highway 4 to the east and an olive grove/vineyards/grassland to the west.**
- **This area is not zoned for any development in Brentwood's General Plan.**
- **The southerly area serves mainly senior and active adult communities.**

Project Exhibits



Photo 1 – Looking south from northerly connection terminus.

Photo 2 – Looking south. Curved section of roadway will be removed.

Project Exhibits



Photo 3 – Looking north from southerly connection point

Photo 4 – Looking north. Curved section of roadway will be removed.

Traffic Volumes

Average Daily Trips (ADT)		
John Muir Parkway/Concord Avenue	Existing (2014)	Projected (2016)
Northbound Lane	545	650
Southbound Lane	485	550
Total Both Lanes	1030	1200

Level of Service (LOS)

John Muir Parkway/Concord Avenue Traffic Counts and Level of Service between Briones Valley Road and Ventura Drive									
			Northbound Lane			Southbound Lane			Remarks
Year	Total AADT	Truck AADT	Total AADT	Truck AADT	LOS	Total AADT	Truck AADT	LOS	
Mar. 2008	5610	280 (5%)	2960	148 (5%)	B	2650	132 (5%)	B	Old Concord Avenue was a regional arterial street connecting Contra Costa and Alameda Counties and beyond.
Oct. 2008	785	0	460	0	A	325	0	A	Concord Avenue became a local collector street after Highway 4 is opened.
Dec. 2014	1030	0	545	0	A	485	0	A	Concord Avenue now a local collector street with traffic counts done on December 4 and 5, 2014.
2016	1200	0	650	0	A	550	0	A	Concord Avenue (Future John Muir Parkway) projected traffic counts for 2016.

Not a Project of Air Quality Concern

- **Not a new or expanded highway project.**
- **Realignment of existing roadway.**
- **Percentage of vehicle count has decreased by more than 80% since Highway 4 was opened.**
- **No trucks are allowed.**
- **Promoting walking and cycling with new sidewalk and bike lane connections.**
- **Improving safer road conditions.**
 - **Removal of existing road curvatures providing a linear alignment and gentler slopes.**
 - **Addition of a new sidewalk on one side.**
 - **Construction of a 16' wide central median.**
 - **Construction of curb and gutter.**
 - **Construction of a 14' wide lane and a 6' wide bike lane (one in each direction).**